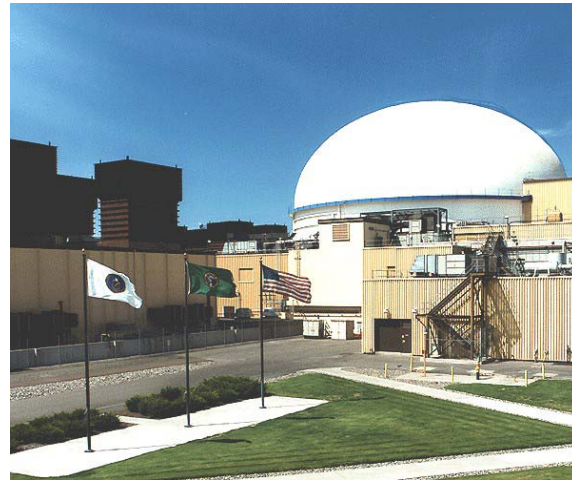


NUCLEAR FACILITY DEACTIVATION AND DECOMMISSIONING (D&D), FAST FLUX TEST FACILITY (FFTF) PROJECT (RL-0042)

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Loading Interim Storage
Cask for Transport



Fast Flux Test Facility



Removing Polychlorinated
Biphenyl Transformer



Loading Polychlorinated Biphenyl
Transformer for Shipment

OVERVIEW

This section addresses work in Project Baseline Summary RL-0042, Nuclear Facility Deactivation and Decommissioning (D&D), Fast Flux Test Facility Project.

NOTE: Unless otherwise noted, all information contained herein is as of the end of May 2004.

NOTABLE ACCOMPLISHMENTS

Fuel Handling: The movement of fifty-seven fuel assemblies from the Fuel Storage Facility to the Interim Decay Storage (IDS) vessel has been completed. A one-year inspection of the Solid Waste Cask's redesigned driveline (required by the Readiness Review) was completed this month. There were no noticeable wear indicators on the critical driveline components.

Interim Examination and Maintenance (IEM) Cell Operations: Preparation of the in-cell equipment for the disassembly of fuel assembly MFF-1 is nearly complete. Consolidation of single fuel pins now in storage in the IEM Cell is the next planned operational task. MFF-1 has been staged for duct removal when all preparations and the readiness checklist are completed.

Interim Storage: Transfer of the first three of 22 loaded interim storage casks from the 400 Area interim storage area (ISA) to the 200-Area ISA at the Canister Storage Building has been completed.

Sodium Flush of In-Containment Sodium-Potassium (NaK) Loops: Preparations for sodium flush of the two in-containment NaK loops continue. Mechanical installation of the primary cold trap and IDS NaK loop cross connects is complete, and the loops have been refilled. The focus is now on installing trace heat and insulation on the new piping and final preparation of the NaK flush procedure.

Primary Sodium Drain: Preparations for drain of the primary sodium continue. Work to reheat the primary drain system is nearing completion. The procedures for lowering the reactor vessel sodium level and draining the three loops, as well as those required for draining the auxiliary primary sodium systems, have been prepared and are in the review/approval process.

Polychlorinated Biphenyl (PCB) Transformer Removal: The X-100 transformer has been disconnected, drained, and shipped off-site for disposal. This is the seventh of 19 PCB transformers planned to be removed during the D&D process.

FY 2004 FH FUNDS VS. SPEND FORECAST (\$000)

	FY 2004 Anticipated Funding w/Carryover	FY 2004 Fiscal Year Spend Forecast	Variance
Nuclear Facility D&D, FFTF Project	\$ 42,213	\$ 42,087	\$ 126

The FY 2004 Anticipated Funding and fiscal year spend forecast are based on the scope in the draft RL Baseline Update Guidance.

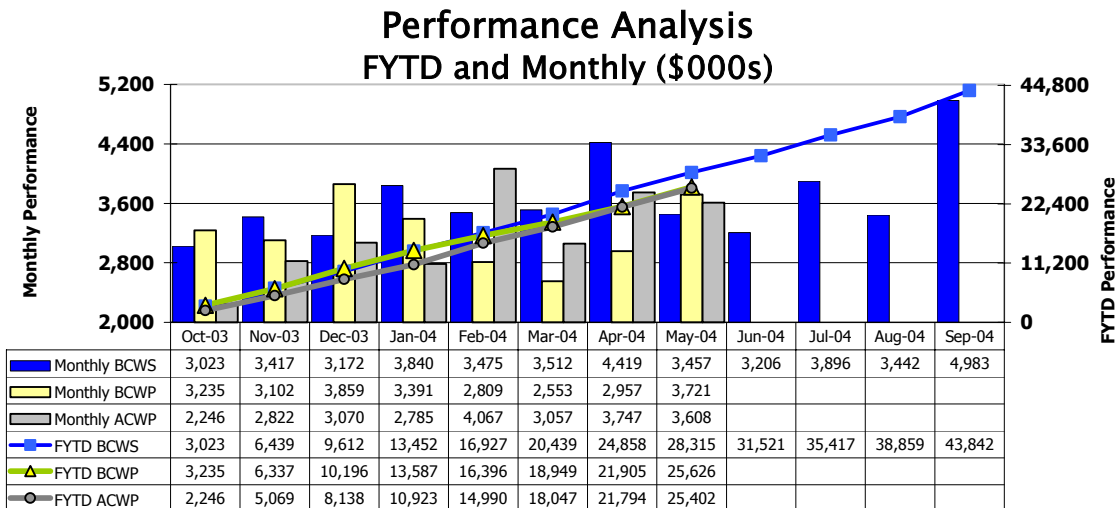
FY 2004 SCHEDULE/COST PERFORMANCE (\$K)

	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
Nuclear Facility D&D, FFTF Project	28,315	25,626	25,402	-2,689	-9%	224	1%	43,842

Numbers are rounded to the nearest \$K.

Schedule Performance (-\$2,689K/-9%): The unfavorable schedule progress is due to less-critical maintenance activities being deferred to allow resources to be applied to deactivation activities. Other significant contributors include suspension of Radial Reflector Shipping Container procurement, reduction in budgeted fee (which will be corrected in the baseline adjustment submittal), and timing of the interim storage cask procurement contract.

Cost Variance (+\$224K/1%): The cost variance is primarily due to controlled spending in the surveillance and maintenance area, and efficiency in performance of fuel off-load activities.



MILESTONE ACHIEVEMENT

Number	Milestone Title	(TPA/DNSFB/PI)	Due Date	Actual Date	Forecast Date	Status/ Comments
PI-S3-4a	Secondary system sodium drain	PI	5/31/03	4/16/03		Complete
PI-S3-4b	Fuel Offload - 81 assemblies	PI	1/22/04	12/11/03		Complete
M-81-12	Initiate FFTF sodium drain	TPA	6/30/03	4/7/03		Complete
M-20-29B	Submit sodium storage facility and sodium reaction facility closure plan or request for procedural closure to Ecology as defined in Agreement section 6.3.3.	TPA	6/30/03	6/12/03		Complete